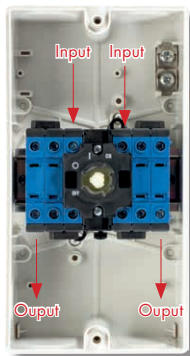
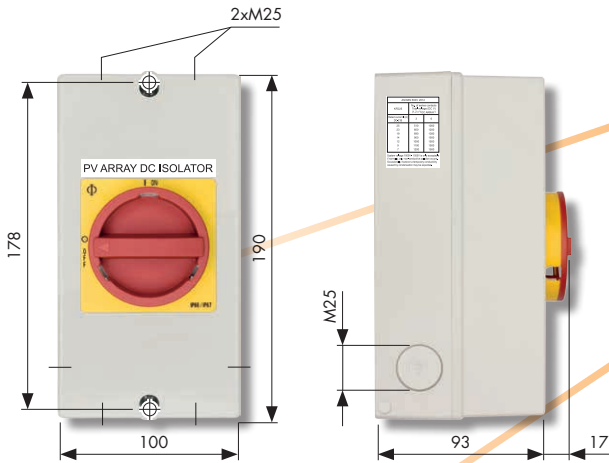




DC Disconnectors for Solar Photovoltaic (PV) Power Supply System  
acc. to IEC 60364-7-712:2002 and AS/NZS 5033:2012

Disconnectors for  
**Photovoltaic**



This enclosure is made from **self-extinguishing** material and conforms to UL94-V0

Suggested wiring diagram - Non Polarised	Tightening torque for terminal screws	Strip length
	KFD25B 1,25 Nm	KFD25B 9

**Contact development: 2 pole, 6 contacts per circuit (2 x 3 in series)**

**General Data**

Switch Disconnector according to EN 60947-3 respectively VDE 0660 Part 107

Utilization Category: for Photovoltaic Application with rapid handle operation **DC-21B** (Switching of resistive loads, including moderate overloads)

Overvoltage category III, pollution degree II

Terminal Lugs finger-proof according to VDE 0660-514 and BGV A3, IP 20

Maximum permissible wire size (use copper wire only)  
single core wire or stranded wire  
flexible wire

KFD25B: 6 mm<sup>2</sup>  
KFD25B: 4 mm<sup>2</sup>, or 6 mm<sup>2</sup> flexible wire with a diameter not larger than 3,9mm after the insulation has been removed and the end has been reshaped.

**Mounting**

Plastic Enclosures, Protection IP66/67, totally insulated, knock-outs

OFF-position lockable with padlocks, cover coupling with interlock

**Rated Value / Order Number**

Operational Current (enclosed up to 50 °C) DC-21B	7 A	9 A	12 A	14 A	19 A	23 A	25 A
1,2 x Voc 2 pol	1500 V	1500 V	1500 V	1500 V	1380 V	1200 V	1000 V
1,2 x Voc on each side	1200 V	1100 V	1000 V	900 V	690 V	600 V	510 V
Insulation Voltage	1500 V	1500 V	1500 V	1500 V	1500 V	1500 V	1500 V

**Order Number**

----- **KFD25B T206/AUP0013 KL11V** -----

Data valid only, if the pre-assembled jumpers have not been modified.